

USE CASE 4 – SYSTEM ENGINEER ADDS A NEW TRANSMISSION LINE WITH IEC 61850 PROTECTION

Use Case Title

System Engineer Adds A New Transmission Line With IEC 61850 Protection

Use Case Summary

A new line is added. Both substations are based on IEC 61850. The protection related communication between the substations shall be based on IEC 61850 as well. The protection engineering as well as the communication engineering is done on a centralized workplace that has access to the CIM model of the network.

Use Case Detailed Narrative

Business Rules and Assumptions